

Selected file: PLUSPAT

Search statement 2

?us5920272/pn?

** SS 2: Results 1

Search statement 3

?prt fu legalall max

1/1 PLUSPAT - (C) QUESTEL-ORBIT- image
CPIM (C) Questel-Orbit
PN - US5920272 A 19990706 [US5920272]
TI - (A) Record carrier containing a signal having a sequence of successive information signal portions
PA - (A) PHILIPS CORP (US)
PA0 - U.S. Philips Corporation, New York NY [US]
IN - (A) SCHOUHAMER IMMINK KORNELIS A (NL)
AP - US90027597 19970725 [1997US-0900275]
FD - Cont. of US385533 19950208 [1995US-0385533]
- Continuation of: US5696505 - 19971209
PR - US90027597 19970725 [1997US-0900275]
- EP94200387 19940215 [1994EP-0200387]
- US38553395 19950208 [1995US-0385533]
IC - (A) H03M-007/00
EC - G11B-020/14A2B
- H03M-005/14B
PCL - ORIGINAL (O) : 341059000; CROSS-REFERENCE (X) : 341095000
DT - Basic
CT - US4517552; US4520346; US4683572; US4833470; US4855742; US5048003;
US5696505
STG - (A) United States patent
AB - A series of m-bit information words is converted to a modulated signal. For each information word from the series, an n-bit code word is delivered. The delivered code words are converted to the modulated signal. The code words are distributed over at least one group of a first type and at least one group of a second type. When a code word belonging to a group of the first type is delivered, its group establishes a coding state of a first type. When a code word belonging to a group of the second type is delivered, a coding state of a second type is established which is determined by the information word which is to be converted to the delivered code word. When one of the code words is assigned to the received information word, this code word is selected from a set of code words which depends on the coding state established. The sets of code words belonging to the coding states of the second type are disjunct. In this coding method, the number of unique bit combinations that may be established by the code words in the series are enlarged.

1/1 LGST - (C) LEGSTAT
PN - US 5920272 [US5920272]
AP - US 900275/97 19970725 [1997US-0900275]
DT - US-P
ACT - 19970725 US/AE-A
APPLICATION DATA (PATENT)

5/12/03

US 5,920,272

09/899091

{US 900275/97 19970725 [1997US-0900275] }
- 19990706 US/A
PATENT
UP - 1999-32

Search statement 3

?file inpadoc

Selected file: INPADOC

Search statement 2

?fam us5920272/pn

1 Patent Groups
** SS 2: Results 34

Search statement 3

?famstate nonstop

1/34 INPADOC - (C) INPADOC
PN - AT 173110 E 19981115 [ATE173110]
TI - VERFAHREN ZUR UMWANDLUNG VON M-BIT INFORMATIONSWORTEN IN EIN
MODULIERTES SIGNAL, VERFAHREN ZUM HERSTELLEN EINES
AUFZEICHUNGSTRAEGERS, KODIER-, DEKODIER-, AUFZEICHNUNGS- UND
LESEVORRICHTUNG SOWIE AUFZEICHNUNGSTRAEGER
IN - SCHOUHAMER IMMINK KORNELIS ANT [NL]
PA - KONINKL PHILIPS ELECTRONICS NV [NL]
AP - AT 95905746/95-EP 19950201 [1995EP-0905746]
PR - EP 94200387/94-A 19940215 [1994EP-0200387]
IC - G11B-020/00

1/2 LEGALI - (C) LEGSTAT
PN - AT 173110 [ATE173110]
DT - AT-R
ACTE- 19981115 AT/REF-P
CORRESPONDS TO EP-PATENT
(EP 745254 19981104 [EP-745254])
- 19990615 AT/UEP [+]
PUBLICATION OF TRANSLATION OF EUROPEEN PATENT SPECIFICATION
UP - 1999-25

2/2 LEGALI - (C) LEGSTAT
PN - EP 745254 [EP-745254]
AP - EP 95905746/95 19950201 [1995EP-0905746]
DT - EP-P
ACTE- 19950201 EP/AE-A
EP-APPLICATION
(EP 95905746/95 19950201 [1995EP-0905746])
- 19961204 EP/AK-A1 [+]
DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT:
AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
- 19961204 EP/AX [+]

EXTENSION OF THE EUROPEAN PATENT TO
SI PAYMENT 960916

- 19961204 EP/A1 [+]
PUBLICATION OF APPLICATION WITH SEARCH REPORT
- 19961204 EP/17P [+]
REQUEST FOR EXAMINATION FILED
960916
- 19970917 EP/17Q [+]
FIRST EXAMINATION REPORT
970805
- 19981104 EP/AK-B1 [+]
DESIGNATED CONTRACTING STATES MENTIONED IN A PATENT SPECIFICATION:
AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
- 19981104 EP/AX [+]
EXTENSION OF THE EUROPEAN PATENT TO
SI PAYMENT 960916
- 19981104 EP/B1 [+]
PATENT SPECIFICATION
- 19981104 EP/REF-R [+]
IN AUSTRIA REGISTERED AS:
(AT 173110 19981115 [ATE173110])
- 19981113 EP/REG; CH/EP [+]
CH: ENTRY IN THE NATIONAL PHASE
<CH>
- 19981210 EP/REF-P
CORRESPONDS TO:
(DE 69505794 19981210 [DE69505794])
- 19990113 EP/REG; IE/FG4D
IE: EUROPEAN PATENTS GRANTED DESIGNATING IRELAND
<IE>
- 19990115 EP/ET [+]
FR: TRANSLATION FILED
- 19990121 EP/ITF [+]
IT: TRANSLATION FOR A EP PATENT FILED
ING. C. GREGORJ S.P.A.
- 19990401 EP/REG; ES/FG2A
ES: DEFINITIVE PROTECTION
2126877T3
<ES>
- 19990430 EP/REG; PT/SC4A [+]
PT: TRANSLATION IS AVAILABLE
19990202 AVAILABILITY OF NATIONAL TRANSLATION
<PT>
- 19990719 EP/REG; DK/T3 [+]
DK: TRANSLATION OF EP PATENT
<DK>
- 19991027 EP/26N [+]
NO OPPOSITION FILED
- 20020101 EP/REG; GB/IF02 [+]
GB: EUROPEAN PATENT IN FORCE AS OF 2002-01-01
<GB>

UP - 2002-17

2/34 INPADOC - (C) INPADOC
PN - AU 14240/95 A1 19950904 [AU9514240]
TI - METHOD OF CONVERTING A SERIES OF M-BIT INFORMATION WORDS TO A
MODULATED SIGNAL, METHOD OF PRODUCING A RECORD CARRIER, CODING DEVICE,
DECODING DEVICE, RECORDING DEVICE, READING DEVICE, SIGNAL, AS WELL AS

A RECORD CARRIER
 IN - IMMINK KORNELIS ANTONIE SCHOUH
 PA - PHILIPS ELECTRONICS NV
 AP - AU 14240/95-A 19950201 [1995AU-0014240]
 PR - EP 94200387/94-A 19940215 [1994EP-0200387]
 - WO 9500070/95(IB)-W 19950201 [1995WO-IB00070]
 IC - H03M-007/28

3/34 INPADOC - (C) INPADOC
 PN - AU 692822 B2 19980618 [AU-692822]
 TI - METHOD OF CONVERTING A SERIES OF M-BIT INFORMATION WORDS TO A MODULATED SIGNAL, METHOD OF PRODUCING A RECORD CARRIER, CODING DEVICE, DECODING DEVICE, RECORDING DEVICE, READING DEVICE, SIGNAL, AS WELL AS A RECORD CARRIER
 IN - IMMINK KORNELIS ANTONIE SCHOUH
 PA - PHILIPS ELECTRONICS NV
 AP - AU 14240/95-A 19950201 [1995AU-0014240]
 PR - EP 94200387/94-A 19940215 [1994EP-0200387]
 - WO 9500070/95(IB)-W 19950201 [1995WO-IB00070]
 IC - H03M-007/28

4/34 INPADOC - (C) INPADOC
 PN - BG 100774 A 19970430 [BG-100774]
 TI - METHOD OF CONVERTING A SERIES OF M-BIT INFORMATION WORDS TO A MODULATED SIGNAL, METHOD OF PRODUCING A RECORD CARRIER, CODING DEVICE, DECODING DEVICE, RECORDING DEVICE, READING DEVICE, SIGNAL, AS WELL AS A RECORD CARRIER
 IN - SCHOUHAMER IMMINK KORNELIS A [NL]
 PA - PHILIPS ELECTRONICS NV [NL]
 AP - BG 100774/96-A 19960809 [1996BG-0100774]
 PR - EP 94200387/94-A 19940215 [1994EP-0200387]
 - WO 9500070/95(IB)-W 19950201 [1995WO-IB00070]
 IC - G11B-020/14; H03M-005/14; H03M-007/20

5/34 INPADOC - (C) INPADOC
 PN - BG 62106 B1 19990226 [BG--62106]
 TI - METHOD OF CONVERTING A SERIES OF M-BIT INFORMATION WORDS TO A MODULATED SIGNAL, METHOD OF PRODUCING A RECORD CARRIER, CODING DEVICE, DECODING DEVICE, RECORDING DEVICE, READING DEVICE, SIGNAL, AS WELL AS A RECORD CARRIER
 IN - SCHOUHAMER IMMINK KORNELIS A [NL]
 PA - PHILIPS ELECTRONICS NV [NL]
 AP - BG 100774/96-A 19960809 [1996BG-0100774]
 PR - EP 94200387/94-A 19940215 [1994EP-0200387]
 - WO 9500070/95(IB)-W 19950201 [1995WO-IB00070]
 IC - G11B-020/00

6/34 INPADOC - (C) INPADOC
 PN - BR 9506787 A 19970916 [BR9506787]
 TI - PROCESSOS DE CONVERTER UMA SERIE DE PALAVRAS DE INFORMACAO DE M-BIT EM UM SINAL MODULADO E DE PRODUZIR UM SUPORTE DE GRAVACAO DISPOSITIVOS CODIFICADOR DECODIFICADOR GRAVADOR E DE LEITURA SINAL E SUPORTE DE GRAVACAO
 IN - IMMINK KORNELIS ANTONIE SCHOUHAMER
 PA - PHILIPS ELECTRONICS NV [NL]

5/12/03

US 5,920,272

09/899091

AP - BR 9506787/95-A 19950201 [1995BR-0006787]
PR - EP 94200387/94-A 19940215 [1994EP-0200387]
- WO 9500070/95(IB)-W 19950201 [1995WO-IB00070]
IC - G11B-020/14; H03M-005/14; H03M-007/20

1/1 LEGALI - (C) LEGSTAT
PN - BR 9506787 [BR9506787]
DT - BR-P
ACTE- 19990908 BR/TC
CHANGE OF PROPRIETOR'S NAME
- 20000912 BR/FB36 [-]
GRANT PROCEDURE SUSPENDED ART. 36 OF LPI
- 20010515 BR/FF [+]
INTENTION TO GRANT
- 20010807 BR/FG9A [+]
PATENT OR CERTIFICATE OF ADDITION GRANTED
- 20021001 BR/ME [-]
REQUEST FOR REVOCATION
Claudio Marcus Mandarino
UP - 2002-47

7/34 INPADOC - (C) INPADOC
PN - CA 2183355 AA 19950824 [CA2183355]
TI - METHOD OF CONVERTING A SERIES OF M-BIT INFORMATION WORDS TO A
MODULATED SIGNAL, METHOD OF PRODUCING A RECORD CARRIER, CODING DEVICE,
DECODING DEVICE, RECORDING DEVICE, READING DEVICE, SIGNAL, AS WELL AS
A RECORD CARRIER
LA - ENG
IN - SCHOUHAMER IMMINK KORNELIS ANT [NL]
PA - PHILIPS ELECTRONICS NV [NL]
AP - CA 2183355/95-A 19950201 [1995CA-2183355].
PR - EP 94200387/94-A 19940215 [1994EP-0200387]

1/1 LEGALI - (C) LEGSTAT
PN - CA 2183355 [CA2183355]
DT - CA-P
ACTE- 19960814 CA/REFW-P
CORRESPONDS TO PCT APPLICATION
<WO 9522802> [WO9522802]
UP - 1998-31

8/34 INPADOC - (C) INPADOC
PN - CZ 9602389 A3 20020612 [CZ9602389]
TI - RECORDING MEDIUM, PROCESS FOR PRODUCING SUCH RECORDING MEDIUM WITH
RECORD, ENCODING DEVICE, DECODING METHOD AND DECODING APPARATUS
IN - SCHOUHAMER IMMINK KORNELIUS A [NL]
PA - KONINKL PHILIPS ELECTRONICS NV [NL]
AP - CZ 2389/96-A 19950201 [1996CZ-0002389]
PR - EP 94200387/94-A 19940215 [1994EP-0200387]
IC - G11B-020/00

1/1 LEGALI - (C) LEGSTAT
PN - CZ 9602389 [CZ9602389]
DT - CZ-A

5/12/03

US 5,920,272

09/899091

ACTE- 20000630 CZ/PD00
Pending as of 2000-06-30
- 20020612 CZ/BB9A
Published application
UP - 2002-27

9/34 INPADOC - (C) INPADOC /
PN - CZ 290751 B6 20021016 [CZ-290751]
TI - RECORD CARRIER, PROCESS FOR PRODUCING THE CARRIER WITH A RECORD,
CODING DEVICE, DECODING METHOD, AND DECODING DEVICE
IN - SCHOUHAMER IMMINK KORNELIUS A [NL]
PA - KONINKL PHILIPS ELECTRONICS NV [NL]
AP - CZ 2389/96-A 19950201 [1996CZ-0002389]
PR - EP 94200387/94-A 19940215 [1994EP-0200387]
IC - G11B-020/00

1/2 LEGALI - (C) LEGSTAT
PN - CZ 290751 [CZ-290751]
DT - CZ-P
ACTE- 20021016 CZ/FG4A [+]
Granted patent
UP - 2002-45

2/2 LEGALI - (C) LEGSTAT
PN - CZ 9602389 [CZ9602389]
DT - CZ-A
ACTE- 20000630 CZ/PD00
Pending as of 2000-06-30
- 20020612 CZ/BB9A
Published application
UP - 2002-27

10/34 INPADOC - (C) INPADOC
PN - DE 69505794 CO 19981210 [DE69505794]
TI - VERFAHREN ZUR UMWANDLUNG VON M-BIT INFORMATIONSWORTEN IN EIN
MODULIERTES SIGNAL, VERFAHREN ZUM HERSTELLEN EINES
AUFZEICHUNGSTRAEGERS, KODIER-, DEKODIER-, AUFZEICHNUNGS- UND
LESEVORRICHTUNG SOWIE AUFZEICHNUNGSTRAEGER
IN - SCHOUHAMER IMMINK KORNELIS [NL]
PA - KONINKL PHILIPS ELECTRONICS NV [NL]
AP - DE 69505794/95-A 19950201 [1995DE-6005794]
PR - EP 94200387/94-A 19940215 [1994EP-0200387]
- WO 9500070/95(IB)-W 19950201 [1995WO-IB00070]
IC - G11B-020/00

1/2 LEGALI - (C) LEGSTAT
PN - DE 69505794 [DE69505794]
DT - DE-P
ACTE- 19981210 DE/REF-P
CORRESPONDS TO
(EP 745254 19981210 [EP-745254])
- 19990602 DE/8373
TRANSLATION OF PATENT DOCUMENT OF EUROPEAN PATENT WAS RECEIVED AND HAS
BEEN PUBLISHED
- 19991202 DE/8364 [+]

NO OPPOSITION DURING TERM OF OPPOSITION

UP - 1999-48

2/2 LEGALI - (C) LEGSTAT /
PN - EP 745254 [EP-745254]
AP - EP 95905746/95 19950201 [1995EP-0905746]
DT - EP-P
ACTE- 19950201 EP/AE-A
EP-APPLICATION
{EP 95905746/95 19950201 [1995EP-0905746]}'
- 19961204 EP/AK-A1 [+]
DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT:
AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
- 19961204 EP/AX [+]
EXTENSION OF THE EUROPEAN PATENT TO
SI PAYMENT 960916
- 19961204 EP/A1 [+]
PUBLICATION OF APPLICATION WITH SEARCH REPORT
- 19961204 EP/17P [+]
REQUEST FOR EXAMINATION FILED
960916
- 19970917 EP/17Q [+]
FIRST EXAMINATION REPORT
970805
- 19981104 EP/AK-B1 [+]
DESIGNATED CONTRACTING STATES MENTIONED IN A PATENT SPECIFICATION:
AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
- 19981104 EP/AX [+]
EXTENSION OF THE EUROPEAN PATENT TO
SI PAYMENT 960916
- 19981104 EP/B1 [+]
PATENT SPECIFICATION
- 19981104 EP/REF-R [+]
IN AUSTRIA REGISTERED AS:
(AT 173110 19981115 [ATE173110])
- 19981113 EP/REG; CH/EP [+]
CH: ENTRY IN THE NATIONAL PHASE
<CH>
- 19981210 EP/REF-P
CORRESPONDS TO:
(DE 69505794 19981210 [DE69505794])
- 19990113 EP/REG; IE/FG4D
IE: EUROPEAN PATENTS GRANTED DESIGNATING IRELAND
<IE>
- 19990115 EP/ET [+]
FR: TRANSLATION FILED
- 19990121 EP/ITF [+]
IT: TRANSLATION FOR A EP PATENT FILED
ING. C. GREGORJ S.P.A.
- 19990401 EP/REG; ES/FG2A
ES: DEFINITIVE PROTECTION
2126877T3
<ES>
- 19990430 EP/REG; PT/SC4A [+]
PT: TRANSLATION IS AVAILABLE
19990202 AVAILABILITY OF NATIONAL TRANSLATION
<PT>
- 19990719 EP/REG; DK/T3 [+]
DK: TRANSLATION OF EP PATENT

<DK>

- 19991027 EP/26N [+]
- NO OPPOSITION FILED
- 20020101 EP/REG; GB/IF02 [+]
- GB: EUROPEAN PATENT IN FORCE AS OF 2002-01-01
- <GB>

UP - 2002-17

11/34 INPADOC - (C) INPADOC /
 PN - DE 69505794 T2 19990602 [DE69505794]
 TI - VERFAHREN ZUR UMWANDLUNG VON M-BIT INFORMATIONSWORTEN IN EIN
 MODULIERTES SIGNAL, VERFAHREN ZUM HERSTELLEN EINES
 AUFZEICHUNGSTRAEGERS, KODIER-, DEKODIER-, AUFZEICHNUNGS- UND
 LESEVORRICHTUNG SOWIE AUFZEICHNUNGSTRAEGER
 IN - SCHOUHAMER IMMINK KORNELIS [NL]
 PA - KONINKL PHILIPS ELECTRONICS NV [NL]
 AP - DE 69505794/95-A 19950201 [1995DE-6005794]
 PR - EP 94200387/94-A 19940215 [1994EP-0200387]
 - WO 9500070/95 (IB)-W 19950201 [1995WO-IB00070]
 IC - G11B-020/00

1/2 LEGALI - (C) LEGSTAT
 PN - DE 69505794 [DE69505794]
 DT - DE-P
 ACTE- 19981210 DE/REF-P
 CORRESPONDS TO
 (EP 745254 19981210 [EP-745254])
 - 19990602 DE/8373
 TRANSLATION OF PATENT DOCUMENT OF EUROPEAN PATENT WAS RECEIVED AND HAS
 BEEN PUBLISHED
 - 19991202 DE/8364 [+]
 NO OPPOSITION DURING TERM OF OPPOSITION
 UP - 1999-48

2/2 LEGALI - (C) LEGSTAT
 PN - EP 745254 [EP-745254]
 AP - EP 95905746/95 19950201 [1995EP-0905746]
 DT - EP-P
 ACTE- 19950201 EP/AE-A
 EP-APPLICATION
 {EP 95905746/95 19950201 [1995EP-0905746] }
 - 19961204 EP/AK-A1 [+]
 DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT:
 AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
 - 19961204 EP/AX [+]
 EXTENSION OF THE EUROPEAN PATENT TO
 SI PAYMENT 960916
 - 19961204 EP/A1 [+]
 PUBLICATION OF APPLICATION WITH SEARCH REPORT
 - 19961204 EP/17P [+]
 REQUEST FOR EXAMINATION FILED
 960916
 - 19970917 EP/17Q [+]
 FIRST EXAMINATION REPORT
 970805
 - 19981104 EP/AK-B1 [+]
 DESIGNATED CONTRACTING STATES MENTIONED IN A PATENT SPECIFICATION:

AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
 - 19981104 EP/AX [+]
 EXTENSION OF THE EUROPEAN PATENT TO
 SI PAYMENT 960916
 - 19981104 EP/B1 [+]
 PATENT SPECIFICATION
 - 19981104 EP/REF-R [+]
 IN AUSTRIA REGISTERED AS:
 (AT 173110 19981115 [ATE173110])
 - 19981113 EP/REG; CH/EP [+]
 CH: ENTRY IN THE NATIONAL PHASE
 <CH>
 - 19981210 EP/REF-P
 CORRESPONDS TO:
 (DE 69505794 19981210 [DE69505794])
 - 19990113 EP/REG; IE/FG4D
 IE: EUROPEAN PATENTS GRANTED DESIGNATING IRELAND
 <IE>
 - 19990115 EP/ET [+]
 FR: TRANSLATION FILED
 - 19990121 EP/ITF [+]
 IT: TRANSLATION FOR A EP PATENT FILED
 ING. C. GREGORJ S.P.A.
 - 19990401 EP/REG; ES/FG2A
 ES: DEFINITIVE PROTECTION
 2126877T3
 <ES>
 - 19990430 EP/REG; PT/SC4A [+]
 PT: TRANSLATION IS AVAILABLE
 19990202 AVAILABILITY OF NATIONAL TRANSLATION
 <PT>
 - 19990719 EP/REG; DK/T3 [+]
 DK: TRANSLATION OF EP PATENT
 <DK>
 - 19991027 EP/26N [+]
 NO OPPOSITION FILED
 - 20020101 EP/REG; GB/IF02 [+]
 GB: EUROPEAN PATENT IN FORCE AS OF 2002-01-01
 <GB>
 UP - 2002-17

12/34 INPADOC - (C) INPADOC
 PN - DK 745254 T3 19990719 [DK-745254]
 TI - FREMGANGSMAADE TIL AT OMDANNE EN RAEKKE INFORMATIONSORD PAA M BITS TIL
 ET MODULERET SIGNAL, FREMGANGSMAADE TIL AT FREMBRINGE EN
 IN - SCHOUHAMER IMMINK KORNELIS ANT [NL]
 PA - KONINKL PHILIPS ELECTRONICS NV [NL]
 AP - DK 95905746/95-A 19950201 [1995DK-0905746]
 PR - EP 94200387/94-A 19940215 [1994EP-0200387]
 - WO 9500070/95(GB)-W 19950201 [1995WO-IB00070]
 IC - G11B-020/00

13/34 INPADOC - (C) INPADOC
 PN - EP 745254 A1 19961204 [EP-745254]
 TI - METHOD OF CONVERTING A SERIES OF M-BIT INFORMATION WORDS TO A
 MODULATED SIGNAL, METHOD OF PRODUCING A RECORD CARRIER, CODING DEVICE,
 DECODING DEVICE, RECORDING DEVICE, READING DEVICE, SIGNAL, AS WELL AS

A RECORD CARRIER

LA - ENG
IN - SCHOUHAMER IMMINK KORNELIS ANT [NL]
PA - PHILIPS ELECTRONICS NV [NL]; PHILIPS NORDEN AB [SE]
AP - EP 95905746/95-A 19950201 [1995EP-0905746]
PR - EP 95905746/95-A 19950201 [1995EP-0905746]
- EP 94200387/94-A 19940215 [1994EP-0200387]
- WO 9500070/95(IB)-W 19950201 [1995WO-IB00070]
IC - G11B-020/00
DS - AT* BE* CH* DE* DK* ES* FR* GB* GR* IE* IT* LI* LU* MC* NL* PT* SE*

1/3 LEGALI - (C) LEGSTAT

PN - DE 69505794 [DE69505794]
DT - DE-P
ACTE- 19981210 DE/REF-P
CORRESPONDS TO
(EP 745254 19981210 [EP-745254])
- 19990602 DE/8373
TRANSLATION OF PATENT DOCUMENT OF EUROPEAN PATENT WAS RECEIVED AND HAS
BEEN PUBLISHED
- 19991202 DE/8364 [+]
NO OPPOSITION DURING TERM OF OPPOSITION
UP - 1999-48

2/3 LEGALI - (C) LEGSTAT

PN - AT 173110 [ATE173110]
DT - AT-R
ACTE- 19981115 AT/REF-P
CORRESPONDS TO EP-PATENT
(EP 745254 19981104 [EP-745254])
- 19990615 AT/UEP [+]
PUBLICATION OF TRANSLATION OF EUROPEEN PATENT SPECIFICATION
UP - 1999-25

3/3 LEGALI - (C) LEGSTAT

PN - EP 745254 [EP-745254]
AP - EP 95905746/95 19950201 [1995EP-0905746]
DT - EP-P
ACTE- 19950201 EP/AE-A
EP-APPLICATION
{EP 95905746/95 19950201 [1995EP-0905746]}
- 19961204 EP/AK-A1 [+]
DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT:
AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
- 19961204 EP/AX [+]
EXTENSION OF THE EUROPEAN PATENT TO
SI PAYMENT 960916
- 19961204 EP/A1 [+]
PUBLICATION OF APPLICATION WITH SEARCH REPORT
- 19961204 EP/17P [+]
REQUEST FOR EXAMINATION FILED
960916
- 19970917 EP/17Q [+]
FIRST EXAMINATION REPORT
970805
- 19981104 EP/AK-B1 [+]
DESIGNATED CONTRACTING STATES MENTIONED IN A PATENT SPECIFICATION:
AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

- 19981104 EP/AX [+]
EXTENSION OF THE EUROPEAN PATENT TO
SI PAYMENT 960916
- 19981104 EP/B1 [+]
PATENT SPECIFICATION
- 19981104 EP/REF-R [+]
IN AUSTRIA REGISTERED AS:
(AT 173110 19981115 [ATE173110])
- 19981113 EP/REG; CH/EP [+]
CH: ENTRY IN THE NATIONAL PHASE
<CH>
- 19981210 EP/REF-P
CORRESPONDS TO:
(DE 69505794 19981210 [DE69505794])
- 19990113 EP/REG; IE/FG4D
IE: EUROPEAN PATENTS GRANTED DESIGNATING IRELAND
<IE>
- 19990115 EP/ET [+]
FR: TRANSLATION FILED
- 19990121 EP/ITF [+]
IT: TRANSLATION FOR A EP PATENT FILED
ING. C. GREGORJ S.P.A.
- 19990401 EP/REG; ES/FG2A
ES: DEFINITIVE PROTECTION
2126877T3
<ES>
- 19990430 EP/REG; PT/SC4A [+]
PT: TRANSLATION IS AVAILABLE
19990202 AVAILABILITY OF NATIONAL TRANSLATION
<PT>
- 19990719 EP/REG; DK/T3 [+]
DK: TRANSLATION OF EP PATENT
<DK>
- 19991027 EP/26N [+]
NO OPPOSITION FILED
- 20020101 EP/REG; GB/IF02 [+]
GB: EUROPEAN PATENT IN FORCE AS OF 2002-01-01
<GB>

UP - 2002-17

14/34 INPADOC - (C) INPADOC
PN - EP 745254 B1 19981104 [EP-745254]
TI - METHOD OF CONVERTING A SERIES OF M-BIT INFORMATION WORDS TO A
MODULATED SIGNAL, METHOD OF PRODUCING A RECORD CARRIER, CODING DEVICE,
DECODING DEVICE, RECORDING DEVICE, READING DEVICE, SIGNAL, AS WELL AS
A RECORD CARRIER
LA - ENG
IN - SCHOUHAMER IMMINK KORNELIS ANT [NL]
PA - KONINKL PHILIPS ELECTRONICS NV [NL]; PHILIPS NORDEN AB [SE]
AP - EP 95905746/95-A 19950201 [1995EP-0905746]
PR - EP 95905746/95-A 19950201 [1995EP-0905746]
- EP 94200387/94-A 19940215 [1994EP-0200387]
- WO 9500070/95(GB)-W 19950201 [1995WO-IB00070]
IC - G11B-020/00
DS - AT* BE* CH* DE* DK* ES* FR* GB* GR* IE* IT* LI* LU* MC* NL* PT* SE*

1/3 LEGALI - (C) LEGSTAT

5/12/03

US 5,920,272

09/899091

PN - DE 69505794 [DE69505794]
DT - DE-P
ACTE- 19981210 DE/REF-P
CORRESPONDS TO
(EP 745254 19981210 [EP-745254])
- 19990602 DE/8373
TRANSLATION OF PATENT DOCUMENT OF EUROPEAN PATENT WAS RECEIVED AND HAS
BEEN PUBLISHED
- 19991202 DE/8364 [+]
NO OPPOSITION DURING TERM OF OPPOSITION
UP - 1999-48

2/3 LEGALI - (C) LEGSTAT
PN - AT 173110 [ATE173110]
DT - AT-R
ACTE- 19981115 AT/REF-P
CORRESPONDS TO EP-PATENT
(EP 745254 19981104 [EP-745254])
- 19990615 AT/UEP [+]
PUBLICATION OF TRANSLATION OF EUROPEEN PATENT SPECIFICATION
UP - 1999-25

3/3 LEGALI - (C) LEGSTAT
PN - EP 745254 [EP-745254]
AP - EP 95905746/95 19950201 [1995EP-0905746]
DT - EP-P
ACTE- 19950201 EP/AE-A
EP-APPLICATION
{EP 95905746/95 19950201 [1995EP-0905746]}
- 19961204 EP/AK-A1 [+]
DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT:
AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
- 19961204 EP/AX [+]
EXTENSION OF THE EUROPEAN PATENT TO
SI PAYMENT 960916
- 19961204 EP/A1 [+]
PUBLICATION OF APPLICATION WITH SEARCH REPORT
- 19961204 EP/17P [+]
REQUEST FOR EXAMINATION FILED
960916
- 19970917 EP/17Q [+]
FIRST EXAMINATION REPORT
970805
- 19981104 EP/AK-B1 [+]
DESIGNATED CONTRACTING STATES MENTIONED IN A PATENT SPECIFICATION:
AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
- 19981104 EP/AX [+]
EXTENSION OF THE EUROPEAN PATENT TO
SI PAYMENT 960916
- 19981104 EP/B1 [+]
PATENT SPECIFICATION
- 19981104 EP/REF-R [+]
IN AUSTRIA REGISTERED AS:
(AT 173110 19981115 [ATE173110])
- 19981113 EP/REG; CH/EP [+]
CH: ENTRY IN THE NATIONAL PHASE
<CH>
- 19981210 EP/REF-P
CORRESPONDS TO:

5/12/03

US 5,920,272

09/899091

(DE 69505794 19981210 [DE69505794])
- 19990113 EP/REG; IE/FG4D
IE: EUROPEAN PATENTS GRANTED DESIGNATING IRELAND
<IE>
- 19990115 EP/ET [+]
FR: TRANSLATION FILED
- 19990121 EP/ITF [+]
IT: TRANSLATION FOR A EP PATENT FILED
ING. C. GREGORJ S.P.A.
- 19990401 EP/REG; ES/FG2A
ES: DEFINITIVE PROTECTION
2126877T3
<ES>
- 19990430 EP/REG; PT/SC4A [+]
PT: TRANSLATION IS AVAILABLE
19990202 AVAILABILITY OF NATIONAL TRANSLATION
<PT>
- 19990719 EP/REG; DK/T3 [+]
DK: TRANSLATION OF EP PATENT
<DK>
- 19991027 EP/26N [+]
NO OPPOSITION FILED
- 20020101 EP/REG; GB/IF02 [+]
GB: EUROPEAN PATENT IN FORCE AS OF 2002-01-01
<GB>
UP - 2002-17

15/34 INPADOC - (C) INPADOC
PN - ES 2126877 T3 19990401 [ES2126877]
TI - METODO DE CONVERSION DE UNA SERIE DE PALABRAS DE INFORMACION EN UNA
SENAL MODULADA, METODO DE PRODUCCION DE UN SOPORTE DE GRABACION,
DISPOSITIVO DE CODIFICACION, DISPOSITIVO DE DECODIFICADO, DISPOSITIVO
DE GRABACION, DISPOSITIVO DE LECTURA, ASI COMO UN SOPORTE DE GRABACION.
IN - SCHOUHAMER IMMINK KORNELIS ANT [NL]
PA - KONINKL PHILIPS ELECTRONICS NV
AP - ES 95905746/95-EP 19950201 [1995EP-0905746]
PR - EP 94200387/94-A 19940215 [1994EP-0200387]
IC - G11B-020/00

1/1 LEGALI - (C) LEGSTAT
PN - ES 2126877 [ES2126877]
DT - ES-P
ACTE- 19990401 ES/FG2A
DEFINITIVE PROTECTION
745254
UP - 1999-14

16/34 INPADOC - (C) INPADOC
PN - FI 963151 A0 19960812 [FI9603151]
TI - MENETELMAE M-BITTISTEN INFORMAATIOSANOJEN SARJAN MUUNTAMISEKSI
MODULOUDUKSI SIGNAALIKSI, MENETELMAE TALLENNEARLUSTAN KOODAUSLAITTEEN,
DEKOODAUSLAITTEEN, TALLENNUSLAITTEEN JA SIGNAALIN TUOTTAMISEKSI, SEKAE
TALLENNUSALUSTA
- FOERFARANDE FOER OMVANDLING AV EN SERIE AV M-BIT INFORMATIONSORD TILL
EN MODULERAD SIGNAL, FOERFARANDE FOER PRODUCERING AV EN
INSPELNINGSBAERARE, KODNINGSANORDNING, AVKODNINGSANORDNING,

5/12/03

US 5,920,272

09/899091

IN - INSPELNINGSANORDNING, SIGNAL SAMT EN INSPELNINGSBÄRARE
IN - IMMINCK KORNELIS ANTONIE SCHOUH [NL]
PA - PHILIPS ELECTRONICS NV [NL]
AP - FI 963151/96-A 19960812 [1996FI-0003151]
PR - EP 94200387/94-A 19940215 [1994EP-0200387]
PR - WO 9500070/95 (IB)-W 19950201 [1995WO-IB00070]
IC - H03M-000/00

1/1 LEGALI - (C) LEGSTAT
PN - FI 963151 [FI9603151]
DT - FI-A
ACTE- 19950201 FI/AE-A
New application filed
<FI 95963151 19950201>
- 19980727 FI/HC
Name/ Company changed in application
Koninklijke Philips Electronics N.V.
UP - 1999-42

17/34 INPADOC - (C) INPADOC
PN - FI 963151 A 19961014 [FI9603151]
TI - MENETELMAE M-BITTISTEN INFORMAATIOSANOJEN SARJAN MUUNTAMISEKSI
MODULOIDUKSI SIGNALIJKSI, MENETELMAE TALLENNNEALUSTAN KOODAUSLAITTEEN,
DEKOODAUSLAITTEEN, TALLENNUSLAITTEEN JA SIGNAALIN TUOTTAMISEKSI, SEKAE
TALLENNUSALUSTA
- FOERFARANDE FOER OMVANDLING AV EN SERIE AV M-BIT INFORMATIONSORD TILL
EN MODULERAD SIGNAL, FOERFARANDE FOER PRODUCERING AV EN
INSPELNINGSBÄRARE, KODNINGSANORDNING, AVKODNINGSANORDNING,
INSPELNINGSANORDNING, SIGNAL SAMT EN INSPELNINGSBÄRARE
IN - IMMINCK KORNELIS ANTONIE SCHOUH [NL]
PA - PHILIPS ELECTRONICS NV [NL]
AP - FI 963151/96-A 19960812 [1996FI-0003151]
PR - EP 94200387/94-A 19940215 [1994EP-0200387]
PR - WO 9500070/95 (IB)-W 19950201 [1995WO-IB00070]
IC - H03M-000/00

1/1 LEGALI - (C) LEGSTAT
PN - FI 963151 [FI9603151]
DT - FI-A
ACTE- 19950201 FI/AE-A
New application filed
<FI 95963151 19950201>
- 19980727 FI/HC
Name/ Company changed in application
Koninklijke Philips Electronics N.V.
UP - 1999-42

18/34 INPADOC - (C) INPADOC
PN - HK 1012767 A1 20000331 [HK1012767]
TI - METHOD OF CONVERTING A SERIES OF M-BIT INFORMATION WORDS TO A
MODULATED SIGNAL METHOD OF PRODUCING A RECORD CARRIER CODING DEVICE
DECODING DEVICE RECORDING DEVICE READING DEVICE SIGNAL AS WELL AS A
RECORD CARRIER
IN - IMMINCK KORNELIS ANTONIE SCHOUH
PA - KONINKL PHILIPS ELECTRONICS NV [NL]

5/12/03

US 5,920,272

09/899091

AP - HK 98114079/98-A 19981219 [1998HK-0114079]
PR - EP 94200387/94-A 19940215 [1994EP-0200387]
- WO 9500070/95(IB)-W 19950201 [1995WO-IB00070]
IC - G11B-000/00

19/34 INPADOC - (C) INPADOC
PN - HU 221085 B1 20020729 [HU-221085]
TI - METHOD OF CONVERTING A SERIES OF M-BIT INFORMATION WORDS TO A MODULATED SIGNAL, AS WELL AS CODING AND DECODING DEVICES WITH ADEQUATE SIGNAL AND RECORD CARRIER
IN - SCHOUHAMER IMMINK KORNELIS ANT [NL]
PA - KONINKL PHILIPS ELECTRONICS NV [NL]
AP - HU 9602247/96-A 19950201 [1996HU-0002247]
PR - EP 94200387/94-A 19940215 [1994EP-0200387]
- WO 9500070/95(IB)-W 19950201 [1995WO-IB00070]
IC - G11B-020/14

1/1 LEGALI - (C) LEGSTAT
PN - HU 221085 [HU-221085]
DT - HU-H
ACTE - 20020729 HU/HFG4
PATENT GRANTED, DATE OF GRANTING
20020516
UP - 2002-31

20/34 INPADOC - (C) INPADOC
PN - HU 9602247 A0 19961028 [HU9602247]
TI - METHOD OF CONVERTING A SERIES OF M-BIT INFORMATION WORDS TO A MODULATED SIGNAL, METHOD OF PRODUCING A RECORD CARRIER, CODING DEVICE, DECODING DEVICE, RECORDING DEVICE, READING DEVICE, SIGNAL, AS WELL AS A RECORD CARRIER
IN - SCHOUHAMER IMMINK KORNELIS ANT [NL]
PA - PHILIPS ELECTRONICS NV [NL]
AP - HU 9602247/96-A 19950201 [1996HU-0002247]
PR - EP 94200387/94-A 19940215 [1994EP-0200387]
- WO 9500070/95(IB)-W 19950201 [1995WO-IB00070]

21/34 INPADOC - (C) INPADOC
PN - HU 74636 A2 19970128 [HUT074636]
TI - METHOD OF CONVERTING A SERIES OF M-BIT INFORMATION WORDS TO A MODULATED SIGNAL, METHOD OF PRODUCING A RECORD CARRIER, CODING DEVICE, DECODING DEVICE, RECORDING DEVICE, READING DEVICE, SIGNAL, AS WELL AS A RECORD CARRIER
IN - SCHOUHAMER IMMINK KORNELIS ANT [NL]
PA - PHILIPS ELECTRONICS NV [NL]
AP - HU 9602247/96-A 19950201 [1996HU-0002247]
PR - EP 94200387/94-A 19940215 [1994EP-0200387]
- WO 9500070/95(IB)-W 19950201 [1995WO-IB00070]
IC - G11B-020/14; H03M-007/00

22/34 INPADOC - (C) INPADOC
PN - JP 9512392 T2 19971209 [JP09512392]
AP - JP 521693/95-A 19950201 [1995JP-0521693]
PR - EP 94200387/94-A 19940215 [1994EP-0200387]

5/12/03

US 5,920,272

09/899091

- WO 9500070/95 (IB)-W 19950201 [1995WO-IB00070]
IC - H03M-007/14; G11B-020/14

23/34 INPADOC - (C) INPADOC
PN - NO 963388 A0 19960814 [NO9603388]
TI - FREMGANGSMAATE FOR OMFORMING AV EN REKKE MED M-BIT INFORMASJONSORD TIL
ET MODULAERT SIGNAL, FREMG. FOR AA PRODUSERE EN REGISTRERINGSBAERER,
KODEINNRETNING, DEKODEINNRETNING, REGISTRERINGSINNRETNING,
LESEINNRETNING, SIGNAL SAAVEL SOM EN REGISTRERINGSBAERER
IN - IMMINK KORNELIS ANTONIE SCHOUH [NL]
PA - PHILIPS ELECTRONICS NV [NL]
AP - NO 963388/96-A 19960814 [1996NO-0003388]
PR - EP 94200387/94-A 19940215 [1994EP-0200387]
- WO 9500070/95 (IB)-W 19950201 [1995WO-IB00070]
IC - G06K-000/00

24/34 INPADOC - (C) INPADOC
PN - NO 963388 A 19961007 [NO9603388]
TI - FREMGANGSMAATE FOR OMFORMING AV EN REKKE MED M-BIT INFORMASJONSORD TIL
ET MODULERT SIGNAL, FREMG.MAATE FOR AA PRODUSERE EN
REGISTRERINGSBAERER, KODEINNRETNING, DEKODEINNRETNING,
REGISTRERINGSINNRETNING, LESEINNRETNING, SIGNAL, SAAVEL SOM EN
REGISTRERINGSBAERER
IN - IMMINK KORNELIS ANTONIE SCHOUH [NL]
PA - PHILIPS ELECTRONICS NV [NL]
AP - NO 963388/96-A 19960814 [1996NO-0003388]
PR - EP 94200387/94-A 19940215 [1994EP-0200387]
- WO 9500070/95 (IB)-W 19950201 [1995WO-IB00070]
IC - G11B-020/14; H03M-005/14; H03M-007/20

25/34 INPADOC - (C) INPADOC
PN - NZ 278137 A 19970224 [NZ-278137]
TI - DATA CONVERSION; CONVERTING M-BIT INFORMATION TO MODULATED SIGNAL AND
PRODUCING RECORD CARRIER
IN - SCHOUHAMER IMMINK KORNELIS ANT
PA - PHILIPS ELECTRONICS NV
AP - NZ 278137/95-A 19950201 [1995NZ-0278137]
PR - EP 94200387/94-A 19940215 [1994EP-0200387]
IC - H03M-007/20

26/34 INPADOC - (C) INPADOC
PN - PL 319407 A1 19970804 [PL-319407]
TI - METHOD OF CONVERTING A NUMBER OF M-BIT INFORMATION WORDS INTO
MODULATED SIGNAL, METHOD OF MAKING A RECORD CARRIER MEDIUM, ENCODING
DEVICE, DECODING DEVICE, RECORDING DEVICE, READING OUT DEVICE, SIGNAL
AS WELL AS RECORD CARRIER MEDIUM
IN - SCHOUHAMER IMMINK KORNELIS ANT [NL]
PA - PHILIPS ELECTRONICS NV [NL]
AP - PL 319407/95-A 19950201 [1995PL-0319407]
PR - EP 94200387/94-A 19940215 [1994EP-0200387]
- WO 9500070/95 (IB)-W 19950201 [1995WO-IB00070]
IC - G11B-020/14; H03M-005/14; H03M-007/20

27/34 INPADOC - (C) INPADOC

5/12/03

US 5,920,272

09/899091

PN - RU 2153707 C2 20000727 [RU2153707]
TI - METHOD FOR CONVERTING M-BIT DATA WORD SEQUENCE INTO MODULATED SIGNAL,
RECORD MEDIUM MANUFACTURING PROCESS, ENCODER, DECODER, RECORDER,
READER, RECORD SIGNAL AND MEDIUM
IN - KORNELIS ANTONI SKHAKHAMER IM [NL]
PA - KONINK FILIPS EHLEKTRONIKS N V [NL]
AP - RU 96118250/96-A 19950201 [1996RU-0118250]
PR - EP 94200387/94-A 19940215 [1994EP-0200387]
IC - G11B-020/14; H03M-005/14; H03M-007/20; G11C-007/00

28/34 INPADOC - (C) INPADOC

PN - SI 745254 T1 19990831 [SI-745254]
TI - METHOD OF CONVERTING A SERIES OF M-BIT INFORMATION WORDS TO A
MODULATED SIGNAL, METHOD OF PRODUCING A RECORD CARRIER, CODING DEVICE,
DECODING DEVICE, RECORDING DEVICE, READING DEVICE, SIGNAL, AS WELL AS
A RECORD CARRIER
IN - SCHOUHAMER IMMINK KORNELIS ANT
PA - KONINKL PHILIPS ELECTRONICS NV [NL]
AP - SI 9530188/95-A 19950201 [1995SI-0030188]
PR - EP 95905746/95-A 19950201 [1995EP-0905746]
- EP 94200387/94-A 19940215 [1994EP-0200387]
- WO 9500070/95(IB)-W 19950201 [1995WO-IB00070]
IC - G11B-020/00

29/34 INPADOC - (C) INPADOC

PN - SK 105196 A3 19980506 [SK9601051]
TI - METHOD OF CONVERTING AN ELECTRIC INFORMATION
IN - SCHOUHAMER IMMINK K A [NL]
PA - PHILIPS ELECTRONICS NV [NL]
AP - SK 1051/96-A 19950201 [1996SK-0001051]
PR - EP 94200387/94-A 19940215 [1994EP-0200387]
- WO 9500070/95(IB)-W 19950201 [1995WO-IB00070]
IC - G11B-020/14; H03M-005/14; H03M-007/20

30/34 INPADOC - (C) INPADOC

PN - US 5696505 A 19971209 [US5696505]
TI - METHOD OF CONVERTING A SERIES OF M-BIT INFORMATION WORDS TO A
MODULATED SIGNAL, METHOD OF PRODUCING A RECORD CARRIER, CODING DEVICE,
DECODING DEVICE, RECORDING DEVICE, READING DEVICE, SIGNAL, AS WELL AS
RECORD CARRIER
IN - SCHOUHAMER IMMINK KORNELIS A [NL]
PA - PHILIPS CORP [US]
AP - US 385533/95-A 19950208 [1995US-0385533]
PR - EP 94200387/94-A 19940215 [1994EP-0200387]
IC - H03M-007/00

1/1 LEGALI - (C) LEGSTAT

PN - US 5696505 [US5696505]
AP - US 385533/95 19950208 [1995US-0385533]
DT - US-P
ACTE- 19950208 US/AE-A
APPLICATION DATA (PATENT)
{US 385533/95 19950208 [1995US-0385533]}
- 19950324 US/AS02
ASSIGNMENT OF ASSIGNOR'S INTEREST

5/12/03

US 5,920,272

09/899091

U.S. PHILIPS CORPORATION 100 EAST 42ND STREET NEW YORK, NY 10017 *
IMMINCK, KORNELIS A. SCHOUHAMER : 19950224
- 19971209 US/A
PATENT
UP - 1999-19

31/34 INPADOC - (C) INPADOC
PN - US 5920272 A 1990706 [US5920272]
TI - RECORD CARRIER CONTAINING A SIGNAL HAVING A SEQUENCE OF SUCCESSIVE
INFORMATION SIGNAL PORTIONS
IN - SCHOUHAMER IMMINCK KORNELIS A [NL]
PA - PHILIPS CORP [US]
AP - US 900275/97-A 19970725 [1997US-0900275]
PR - US 900275/97-A 19970725 [1997US-0900275]
- EP 94200387/94-A 19940215 [1994EP-0200387]
- US 385533/95-A1 19950208 [1995US-0385533]
IC - H03M-007/00

1/1 LEGALI - (C) LEGSTAT
PN - US 5920272 [US5920272]
AP - US 900275/97 19970725 [1997US-0900275]
DT - US-P
ACTE- 19970725 US/AE-A
APPLICATION DATA (PATENT)
{US 900275/97 19970725 [1997US-0900275]}
- 19990706 US/A
PATENT
UP - 1999-32

32/34 INPADOC - (C) INPADOC
PN - WO 9522802 A2 19950824 [WO9522802]
TI - METHOD OF CONVERTING A SERIES OF M-BIT INFORMATION WORDS TO A
MODULATED SIGNAL, METHOD OF PRODUCING A RECORD CARRIER, CODING DEVICE,
DECODING DEVICE, RECORDING DEVICE, READING DEVICE, SIGNAL, AS WELL AS
A RECORD CARRIER
LA - ENG
IN - SCHOUHAMER IMMINCK KORNELIS ANT
PA - PHILIPS ELECTRONICS NV [NL]; PHILIPS NORDEN AB [SE]
AP - WO IB 9500070/95(IB)-A 19950201 [1995WO-IB00070]
PR - EP 94200387/94-A 19940215 [1994EP-0200387]
IC - G06K-000/00
DS - AM* AT* AU* BB* BG* BR* BY* CA* CH* CN* CZ* DE* DK* EE* ES* FI* GB*
GE* HU* JP* KE* KG* KP* KR* KZ* LK* LR* LT* LU* LV* MD* MG* MN* MW*
MX* NL* NO* NZ* PL* PT* RO* RU* SD* SE* SI* SK* TJ* TT* UA* UZ* VN* AT
BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE

1/3 LEGALI - (C) LEGSTAT
PN - RO 9601653 [RO9601653]
AP - RO 9601653 0 [1996RO-0001653]
DT - RO-A
ACTE- 19960814 RO/REFW-P
CORRESPONDS TO PCT DOCUMENT
<WO 9522802> WO9522802
UP - 2003-12

2/3 LEGALI - (C) LEGSTAT

PN - CA 2183355 [CA2183355]
DT - CA-P
ACTE- 19960814 CA/REFW-P
CORRESPONDS TO PCT APPLICATION
<WO 9522802> [WO9522802]
UP - 1998-31

3/3 LEGALI - (C) LEGSTAT

PN - WO 9522802 [WO9522802]
AP - WO 9500070/95(IB) 19950201 [1995WO-IB00070]
DT - WO-P
ACTE- 19950201 WO/AE-A
APPLICATION DATA
{WO 9500070/95(IB) 19950201 [1995WO-IB00070]}
- 19950824 WO/AK-A2 [+]
DESIGNATED STATES CITED IN A PUBLISHED APPLICATION WITHOUT SEARCH REPORT
AM AT AU BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU JP KE KG KP
KR KZ LK LR LT LU LV MD MG MN MW MX NL NO NZ PL PT RO RU SD SE SI SK
TJ TT UA UZ VN
- 19950824 WO/AL-A2 [+]
DESIGNATED COUNTRIES FOR REGIONAL PATENTS CITED IN A PUBLISHED APPLICATION WITHOUT SEARCH REPORT
AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE
- 19950824 WO/A2 [+]
PUBLICATION OF THE INTERNATIONAL APPLICATION WITHOUT THE INTERNATIONAL SEARCH REPORT
- 19950928 WO/AK-A3 [+]
DESIGNATED STATES CITED IN A SUBSEQUENTLY PUBLISHED SEARCH REPORT
AM AT AU BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU JP KE KG KP
KR KZ LK LR LT LU LV MD MG MN MW MX NL NO NZ PL PT RO RU SD SE SI SK
TJ TT UA UZ VN
- 19950928 WO/AL-A3 [+]
DESIGNATED COUNTRIES FOR REGIONAL PATENTS CITED IN A SUBSEQUENTLY PUBLISHED SEARCH REPORT
AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE
- 19950928 WO/A3 [+]
SUBSEQUENT PUBLICATION OF THE INTERNATIONAL SEARCH REPORT
- 19951026 WO/DFPE
REQUEST FOR PRELIMINARY EXAMINATION FILED PRIOR TO EXPIRATION OF 19TH MONTH FROM PRIORITY DATE
- 19951108 WO/121
EP: THE EPO HAS BEEN INFORMED BY WIPO THAT EP WAS DESIGNATED IN THIS APPLICATION
- 19960814 WO/ENP-AA
ENTRY INTO THE NATIONAL PHASE IN:
<CA 2183355>
- 19960814 WO/ENP-A
ENTRY INTO THE NATIONAL PHASE IN:
<RO 969601653>
UP - 2003-12

33/34 INPADOC - (C) INPADOC

PN - WO 9522802 A3 19950928 [WO9522802]
TI - METHOD OF CONVERTING A SERIES OF M-BIT INFORMATION WORDS TO A MODULATED SIGNAL, METHOD OF PRODUCING A RECORD CARRIER, CODING DEVICE, DECODING DEVICE, RECORDING DEVICE, READING DEVICE, SIGNAL, AS WELL AS

A RECORD CARRIER

LA - ENG
 IN - SCHOUHAMER IMMINK KORNELIS ANT
 PA - PHILIPS ELECTRONICS NV [NL]; PHILIPS NORDEN AB [NL]
 AP - WO IB 9500070/95(IB)-A 19950201 [1995WO-IB00070]
 PR - EP 94200387/94-A 19940215 [1994EP-0200387]
 IC - G06K-000/00
 DS - AM* AT* AU* BB* BG* BR* BY* CA* CH* CN* CZ* DE* DK* EE* ES* FI* GB*
 GE* HU* JP* KE* KG* KP* KR* KZ* LK* LR* LT* LU* LV* MD* MG* MN* MW*
 MX* NL* NO* NZ* PL* PT* RO* RU* SD* SE* SI* SK* TJ* TT* UA* UZ* VN* AT
 BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE

[1/3 LEGALI - (C) LEGSTAT

PN - RO 9601653 [RO9601653]
 AP - RO 9601653 0 [1996RO-0001653]
 DT - RO-A
 ACTE- 19960814 RO/REFW-P
 CORRESPONDS TO PCT DOCUMENT
 <WO 9522802> WO9522802
 UP - 2003-12

[2/3 LEGALI - (C) LEGSTAT

PN - CA 2183355 [CA2183355]
 DT - CA-P
 ACTE- 19960814 CA/REFW-P
 CORRESPONDS TO PCT APPLICATION
 <WO 9522802> [WO9522802]
 UP - 1998-31

[3/3 LEGALI - (C) LEGSTAT

PN - WO 9522802 [WO9522802]
 AP - WO 9500070/95(IB) 19950201 [1995WO-IB00070]
 DT - WO-P
 ACTE- 19950201 WO/AE-A
 APPLICATION DATA
 {WO 9500070/95(IB) 19950201 [1995WO-IB00070]}
 - 19950824 WO/AK-A2 [+]
 DESIGNATED STATES CITED IN A PUBLISHED APPLICATION WITHOUT SEARCH
 REPORT
 AM AT AU BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU JP KE KG KP
 KR KZ LK LR LT LU LV MD MG MN MW MX NL NO NZ PL PT RO RU SD SE SI SK
 TJ TT UA UZ VN
 - 19950824 WO/AL-A2 [+]
 DESIGNATED COUNTRIES FOR REGIONAL PATENTS CITED IN A PUBLISHED
 APPLICATION WITHOUT SEARCH REPORT
 AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE
 - 19950824 WO/A2 [+]
 PUBLICATION OF THE INTERNATIONAL APPLICATION WITHOUT THE INTERNATIONAL
 SEARCH REPORT
 - 19950928 WO/AK-A3 [+]
 DESIGNATED STATES CITED IN A SUBSEQUENTLY PUBLISHED SEARCH REPORT
 AM AT AU BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU JP KE KG KP
 KR KZ LK LR LT LU LV MD MG MN MW MX NL NO NZ PL PT RO RU SD SE SI SK
 TJ TT UA UZ VN
 - 19950928 WO/AL-A3 [+]
 DESIGNATED COUNTRIES FOR REGIONAL PATENTS CITED IN A SUBSEQUENTLY
 PUBLISHED SEARCH REPORT
 AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE

5/12/03

US 5,920,272

09/899091

- 19950928 WO/A3 [+] SUBSEQUENT PUBLICATION OF THE INTERNATIONAL SEARCH REPORT
- 19951026 WO/DFPE REQUEST FOR PRELIMINARY EXAMINATION FILED PRIOR TO EXPIRATION OF 19TH MONTH FROM PRIORITY DATE
- 19951108 WO/121 EP: THE EPO HAS BEEN INFORMED BY WIPO THAT EP WAS DESIGNATED IN THIS APPLICATION
- 19960814 WO/ENP-AA ENTRY INTO THE NATIONAL PHASE IN:
<CA 2183355>
- 19960814 WO/ENP-A ENTRY INTO THE NATIONAL PHASE IN:
<RO 969601653>

UP - 2003-12

34/34 INPADOC - (C) INPADOC

PN - ZA 9501115 A 19960812 [ZA9501115]

TI - METHOD OF CONVERTING A SERIES OF M-BIT INFORMATION WORDS TO A MODULATED SIGNAL METHOD OF PRODUCING A RECORD CARRIER CODING DEVICE DECODING DEVICE RECORDING DEVICE READING DEVICE SIGNAL AS WELL AS A RECORD CARRIER

IN - IMMINK KORNELIS ANTONIE SCHOUH

PA - PHILIPS ELECTRONICS NV

AP - ZA 1115/95-A 19950210 [1995ZA-0001115]

PR - EP 94200387/94-A 19940215 [1994EP-0200387]

IC - H03M-000/00